



Please type a plus sign (+) inside this box -> +

a valid OMB control number.

PTO/SB/01 (12-97)

Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains

Attorney Docket Nur	mber	I-2-149.1US					
First Named Invento	r	Ariela Zeira					
COMPLETE IF KNOWN							
Application Number	Not Yet Known						
Filing Date	Not Yet Known						
Group Art Unit	No	t Yet Known					

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) **▼** Declaration Declaration OR Submitted Submitted after Initial with Initial Filing (surcharge (37 ČFR 1.16 (e)) Not Yet Known Filing **Examiner Name** required)

As a below named inventor, I hereby declare that:									
My residence, post office address, and citizenship are as stated below next to my name.									
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: CHANNEL ESTIMATION FOR TIME DIVISION DUPLEX COMMUNICATION SYSTEMS									
the specification of which (Title of the Invention) is attached hereto OR									
was filed on (MM/DD/YYYY) as United States Application Number or PCT International									
Application Number and was amended on (MM/DD/YYYY) (if applicable).									
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.									
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.									
Country		Foreign Filing Date (MM/DD/YYYY)		Certified Co	py Attached? NO				
			0000	0000	0000				
Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:									
I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.									
			Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.						
	and citizenship are sole inventor (if only set matter which is a ESTIMATIO COMMUN (Tith) and w nd understand the cally referred to about office the control of the control	and citizenship are as stated below a sole inventor (if only one name is list ect matter which is claimed and for variety and the community of the Invention of	and citizenship are as stated below next to my sole inventor (if only one name is listed below) bet matter which is claimed and for which a path and the state which is claimed and for which a path and the community of the Invention) [Title of the Invention] and was amended on (MM/DD/YM) as United and was amended on (MM/DD/YM) and understand the contents of the above identically referred to above. Information which is material to patentability as a content of the invention of the above identified below, by checking the box, any foreign having a filing date before that of the application which designated at least the invention of the invention of the application which designated at least the invention of the invention of the application of the invention of the invention of the application of the invention of t	and citizenship are as stated below next to my name. sole inventor (if only one name is listed below) or an original, firet matter which is claimed and for which a patent is sought on a supplemental priority data sheet PTO/SB/C J.S.C. 119(e) of any United States provisional application (MM/DD/YYYY) Foreign Filling Date (MM/DD/YYYY) Country Country	and citizenship are as stated below next to my name. sole inventor (if only one name is listed below) or an original, first and joint invenent matter which is claimed and for which a patent is sought on the invention end. ESTIMATION FOR TIME DIVISION DUPLEX COMMUNICATION SYSTEMS (Title of the Invention) as United States Application Number or P and was amended on (MM/DD/YYYY) Individe a supplemental priority data sheet PTO/SB/02B attached here using pate (MM/DD/YYYY) To religing Date (MM/DD/YYYY) Deers are listed on a supplemental priority data sheet PTO/SB/02B attached here using Date (MM/DD/YYYY) O1/O7/2000 Additional provisional application(s) listed below. Filling Date (MM/DD/YYYY) O1/O7/2000 Additional provisional numbers are listed on supplemental priority.				

[Page 1 of 2]
Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box 🔫 🛨

PTO/SB/01 (12-97)
Approved for use through 9/30/00. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filling date of the prior application and the national or PCT international filling date of this application.													
U.S. Parent Application or PCT Parent Number					Parent Filing Date (MM/DD/YYYY)			Parent Patent Number (if applicable)					
Additional U.	.S. or P	CT international	applicat	tion numbers ar	e listed on	a supp	lement	al priority data	sheet PT	O/SB/0	2B attached h	ereto.	
As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Paten													
and Trademark Office connected therewith: Customer Number 24374 Place Customer Number Bar Code Number Bar Code Label here								Code					
	Name	•			Registration Number			Name			Registration Number		
Namely, the At Volpe and Koe	ttorney	s of		11011	, DCI								
		cations Corporat	ion										
Additional reg	gistered	practitioner(s) n	amed o	n supplemental	Registere	d Pract	itioner I	nformation she	et PTO/S	B/02C	attached here	to.	
Direct all corres	sponde	nce to: 🗶 (Custom	er Number		2437	' A		<u>Г</u>			ass balaw	
	•			Code Label		2437	4	OR		rrespo	ndence addi	ess below	
Name													
Address													
Address													
City	-					Si	ate		ZIP				
Country				Telephor	ne				Fax				
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.													
Name of Sole or First Inventor:													
Given Name (first and middle [if any])						Family Name or Surname							
Ariela					Zeira								
Inventor's Signature					Date								
Residence: City Huntingto		n _{State}	NY	C	ountry	l	ISA	\$1; P	Citizenship	USA			
Post Office Address 239 West Neck Road													
Post Office Address													
City		Huntington	State	NY	715	zip 117		1743	743 Country		USA		
Additional inventors are being named on thesupplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto													